

Luis Espino - Full Stack Developer

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Summary:

Full Stack Developer with a strong foundation in web development, system design, and a passion for solving complex problems. Experienced in **JavaScript**, **Linux**, and **web frameworks**. Seeking opportunities to contribute technical expertise to innovative projects.

Education: University of California, Irvine

June 2022

B.S. in Computer Science

GPA: 3.18 (Dean's List UC Irvine • 5 quarters)

Course Work: Software Design • Game Systems and Design • Data Management • Computer Vision & Graphics

Areas of Expertise:

JavaScript	Node.js	PostgreSQL	IonicJS/ Angular	Python
HTML5/CSS3	Express	MySQL	React	C/C++
AJAX/jQuery	TypeScript	Redis (NoSQL)	WebGL	Git
Bootstrap	RESTful APIs	MongoDB (NoSQL)	Agile/SCRUM	Linux

Work Experience:

Autonomous Vehicle Operator: Zoox

October 2022-Present

- Conducted comprehensive **software and hardware testing** on Level 3 autonomous vehicles, ensuring peak performance.
- Executed **Linux Shell** scripts for software **deployments** and efficiently troubleshooted hardware issues to resolve malfunctions.
- Maintained essential **communication** with engineers and meticulously documented outcomes and vehicle performance records.

Computer Science Instructor: Juni Learning

April 2022-October 2022

- Taught computer science concepts using **Python** through engaging one-on-one remote sessions.

Office Intern: San Mateo County Health Clinic

June 2018-September 2018

- Demonstrated excellence in visit facilitation, personal information updates, and administrative duties.
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Projects:

Spotify Browser Website

February 2022

- Developed a client-server web application utilizing **Angular** for the **front-end** and **Node.js** for the **back-end**, facilitating seamless communication between users and the Spotify **API**.
- Designed and integrated engaging front-end features using **HTML**, **CSS**, and **Angular** components to enhance the user experience and interaction with the music search engine.
- Built a secure **back-end API** using **Express.js** and **OAuth 2.0** protocol to handle user search requests, ensuring efficient and secure data retrieval from Spotify's extensive database.
- Utilized responsive design **Bootstrap** libraries to ensure optimal performance and a seamless **user experience** across various devices, including desktop and mobile.

Water Simulator Website

June 2022

- Created an interactive **WebGL** animation simulating a water pond with 3D objects, featuring realistic lighting and visual effects.

Vaccine Dash (Videogame) Website

December 2021

- Collaborated on a single-player adventure **web game**.
- Presented game in a mock product pitch, showcasing key features and potential for marketability.

Image Recognition Software

February 2022

- Produced an AI algorithm for image object recognition, achieving a 95% success rate.